AMENDMENTS TO THE CLAIMS

1.   (Previously Presented)   An image correction device comprising:

an encoder which encodes inputted object frame data and produces an encoded object frame data;

a delay device connected to said encoder, for delaying the encoded object frame data by one frame and outputting an encoded previous frame data;

a first decoder connected to said encoder and decoding said encoded object frame data to produce decoded object frame data;

a second decoder, connected to said delay device and decoding said encoded previous frame data to produce decoded previous frame data;

a change quantity calculating device that receives said decoded object frame data from said first decoder and said decoded previous frame data from said second decoder, and outputs a change quantity derived from subtracting said decoded object frame data from said decoded previous frame data;

a previous frame image reproducer that receives said change quantity and said inputted object frame data and adds said change quantity to said inputted object frame data producing previous frame reproduction image data; and

a frame data correction device that outputs corrected object frame data based on inputted object frame data, said change quantity and said previous frame reproduction image data.

2.   (Previously Presented) The image correction device according to claim 1, wherein the frame data correction device comprises a bit number converting device that reduces a number of bits of the inputted object frame data or a number of bits of the previous frame reproduction image data.

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3.   (Canceled)

4.   (Previously presented) The image correction device according to claim 1, wherein said frame data correction device has a data table composed of correction image data, and said correction image data are outputted from said data table on a basis of said inputted object frame data and said previous frame reproduction image data.

5.   (Previously presented) The image correction device according to claim 1, wherein said frame data correction device outputs said corrected object frame data that correspond to a number of gradations of said inputted object frame data.

6.   (Previously presented) The image correction device according to claim 1, wherein the frame data correction device corrects a correction image data and outputs a corrected correction image data thereby increasing or decreasing said correction image data.

7.   (Currently amended) The image correction device according to claim 1, further comprising a recording device means for recording the inputted object frame data included in the inputted image signal.

8. -11. (Canceled)

12.   (Previously presented) An image correcting method comprising the steps of:

        encoding inputted object frame data by an encoder and producing encoded object frame data;

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delaying said encoded object frame data by one frame using a delay device and outputting encoded previous frame data;

decoding said encoded object frame data by a first decoder connected to said encoder to produce decoded object frame data;

decoding said encoded previous frame data by a second decoder to produce decoded previous frame data, said second decoder connected to said delay device;

outputting a change quantity derived from subtracting said decoded object frame data from said decoded previous frame data using a change quantity calculating device that receives said decoded object frame data from said first decoder and said decoded previous frame data from said second decoder;

producing previous frame reproduction image data by a previous frame image reproducer that receives said change quantity and said inputted object frame data and adds the change quantity to said inputted object frame data; and

outputting corrected object frame data by a frame data correction device based on said inputted object frame data, said change quantity and said previous frame reproduction image data.

13.   (Previously presented) The image correcting method according to claim 12, wherein said change quantity between the decoded object frame data and the decoded previous frame data one frame previous to said object frame data is outputted, and the correction image data is corrected on a basis of said change quantity.

14.   (Previously presented) A frame data correcting method comprising a step of correcting said inputted object frame data on a basis of the correction image data corrected by the image correcting method as defined in claim 12.

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15.   (Previously presented) A frame data displaying method comprising a step of displaying a frame corresponding to object frame data corrected by the frame data correcting method as defined in claim 14 on a basis of said corrected object frame data.

16.   (Previously presented) The image correction device according to claim 1, wherein the frame data correction device includes:

a lookup table containing gradation data, the lookup table outputting gradation data based on said inputted object frame data and said previous frame reproduction image data;

an arithmetic device that subtracts said inputted object frame data from said gradation data producing correction gradation data; and

a data correction controller that receives said change quantity and said correction gradation data, compares said change quantity against a threshold and modifies the correction gradation data based on whether the change quantity is greater, equal to or less than the threshold value.

17.   (Currently amended) The image correcting method according to claim 12, wherein ~~the frame data correction device includes~~ the image correction method further comprises steps of:

outputting gradation data based on said inputted object frame data and said previous frame reproduction image data by a lookup table containing gradation data;

subtracting said inputted object frame data from said gradation data producing correction gradation data; and

modifying the correction gradation data by comparing said change quantity against a threshold and modifying the correction gradation data based

on whether the change quantity is greater, equal to or less than the threshold value.

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